

DT12 Rec'd PCT/PTO 07 DEC 2004

PATENT

## IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Morio TAKAHASHI

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed December 7, 2004

Examiner

THERMO-OPTIC PHASE SHIFTER AND MANUFACTURING METHOD OF THE SAME

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

December 7, 2004

Sir:

The following preliminary amendments and remarks are respectfully submitted in connection with the above-identified application.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begin on page 3 of this paper.

**Amendments to the Drawings** begin on page 14 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

**Remarks** begin on page 15 of this paper.

An **Appendix** is attached following the signature page of this paper.